UNRIVALED PRECISION AND SERVICE LIFE

Increase tire life and reduce premature wheel seal failure with the proven performance of the Pro-Torq® axle spindle nut. With back off increments down to 0.001 inch and exacting cup and cone alignment on the spindle, nothing compares to the reliability and precision of Pro-Torq.

Increased Tread Life
Controls axial motion, holding bearing end play near zero for longer tread life.

Precise Bearing Adjustment
Minimizes premature seal failure and improves seal and brake lining programs.

Compensates For Wear
Allows 0.001 inch back off increments to keep bearings aligned, running cooler and lasting longer.

Improves ABS
Helps ensure accurate wheel-speed monitoring on anti-lock braking systems.

Single-Nut Design
Eliminates potential for overtightening the jam nut and pushing the outer bearing cone out of position.

Easy to Install
Only one nut means less time wasted trying to reposition multiple-nut assemblies.
### PRO-TORQ® AXLE SPINDLE NUTS

#### SPINDLE NUT APPLICATIONS

<table>
<thead>
<tr>
<th>TRAILER AXLE</th>
<th>REPLACEMENT KEEPER PART NUMBER</th>
<th>THREAD SIZE</th>
<th>OUTER BEARING CONE / CUP</th>
<th>TOOL SOCKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEMCO No. 447-4723</td>
<td>450-4723</td>
<td>3.480&quot;-12</td>
<td>HS518445 / HS518410</td>
<td>4 13/16&quot;-8 point (OIC # 1941)</td>
</tr>
<tr>
<td>STEMCO No. 447-4724</td>
<td>450-4723</td>
<td>3 1/2&quot;-12</td>
<td>HS518445 / HS518410</td>
<td>4 13/16&quot;-8 point (OIC # 1941)</td>
</tr>
<tr>
<td>STEMCO No. 447-4743</td>
<td>450-4743</td>
<td>2 5/8&quot;-16</td>
<td>HS12049 / HS21011</td>
<td>3 3/4&quot;-8 point (OIC # 1925)</td>
</tr>
</tbody>
</table>

#### STEER AXLE

| STEMCO No. 448-4836   | 450-4836                        | 1 1/2"-12   | 3782 / 3720             | 2 1/2"-6 point (OIC # 1921) |
| STEMCO No. 448-4837   | 450-4837                        | 1 1/2"-18   | 3782 / 3720             | 2 1/2"-6 point (OIC # 1921) |
| STEMCO No. 448-4838   | 450-4838                        | 1 1/2"-12   | 3782 / 3720             | 2 1/2"-6 point (OIC # 1921) |
| STEMCO No. 448-4839   | 450-4839                        | 1 5/8"-12   | 45280 / 45220           | 2 5/8"-6 point (OIC # 1922) |
| STEMCO No. 448-4864   | 450-4864                        | 2"-12       | 5555 / 5552A            | 3"-6 point (OIC # 1906) |
| STEMCO No. 448-4865   | 450-4865                        | 1 3/4"-12   | 5555 / 5552A            | 3"-6 point (OIC # 1906) |

#### DRIVE AXLE

| STEMCO No. 449-4904   | 450-4904                        | 2 7/8"-12   | 47679 / 471620          | 4 1/8"-6 point (OIC # 1915) |
| STEMCO No. 449-4973   | 450-4973                        | 3 1/4"-12   | 505 / 572              | 4 3/8"-8 point (OIC # 1917) |
| STEMCO No. 449-4974   | 450-4974                        | 2 5/8"-12   | 3984 / 39200            | 3 3/4"-8 point (OIC # 1925) |
| STEMCO No. 449-4975   | 450-4975                        | 2 5/8"-12   | 3984 / 39200            | 3 3/4"-8 point (OIC # 1925) |

### PRO-TORQ ADVANCED AXLE SPINDLE NUT DESIGN FEATURES

**Superior Wear Resistance**

Bearing contact surfaces are induction-hardened. No washers required.

**Flat Contact Surface**

Improves wheel bearing cup and cone alignment.

**Highly Visible Adjustment Marks**

Give technicians precise control of nut back off amount during installation.

**Infinite Locking Positions**

Nut and spring-steel keeper mate and lock at any point on the axle spindle in 0.001" axial increments.

**Improved Threads**

Pro-Torq engages twice as many threads to firmly seat and lock wheel bearings securely.

### COST-SAVING INSTALLATION

For more than 20 years, leading fleets have chosen Pro-Torq to deliver the longer service life they expect from today’s tires, wheel seals and bearings. Pro-Torq minimizes wheel-bearing adjustment variability, providing extended maintenance intervals and trouble-free performance from steer, drive and trailer axle wheel ends.

### TIGHT BEARING ADJUSTMENT CONTROL

Pro-Torq gives fleets the ability to standardize wheel and maintenance practices and makes repeatable, close-tolerance bearing adjustment a reality. From technician to technician, when the Pro-Torq 2-1-1 adjustment procedure is followed, wheel-bearing end play adjustment of 0.001-0.003" can be accurately achieved.

Pro-Torq avoids the extremes of preload and excessive bearing end play, giving fleets the tightest adjustment standard in the industry.

### FASTER TO INSTALL, EASIER TO LOCK

Pro-Torq assures bearings are precisely and positively locked in position the first time, because with Pro-Torq there is no jamming, juggling, or wasting time working with multiple-nut assemblies. That’s because Pro-Torq uses only one nut.

Clearance in the threads of traditional jamming-type nuts can result in a wide range of final settings. Technicians can unintentionally impose preload on a bearing by over-tightening jam nut systems. As a result, the outer bearing cone can be pushed further up the spindle and out of its intended position.

Pro-Torq takes the guesswork out of bearing adjustment!

---

**Making the Roadways Safer®**

United States | 800-527-8492 | 903-758-9981
300 Industrial Boulevard
Longview, Texas 75602 | US

Canada | 877-232-9111 | 905-206-9700
5775 McLaughlin Road
Mississauga, Ontario L5R 3P7 | Canada

Mexico | 444-804-1736
Eje Central Sahop No 215, Zona Ind
San Luis Potosi SLP 78395 | Mexico

Australia | 011-61-2-9793-2599
Unit 6 CNR Rockwood & Muir Roads
Yagoona NSW 2199 | Australia